

BPL (Broadband Over Powerlines) is already being deployed in testmarkets and generating tremendous radio-frequency interference in the Amateur Radio band-spectrum and the High Frequency radio spectrum which is also used by the US Government and US military. This technology is harmful to the public safety and if allowed to continue will interfere with emergency communications and indirectly contribute to the loss of human life by making radio communication in the area of interference impossible. BPL creates interference in the 1-50 Megahertz range that I use for ARES (Amateur Radio Emergency Services) exercises and also during emergencies. You can see proof of the harmful interference in this audiovisual presentation by ARRL Manager Ed Hare at [http://216.167.96.120/BPL\\_Trial-web.mpg](http://216.167.96.120/BPL_Trial-web.mpg) This video proves that the harmful interference is broadbanded, the emissions are so strong they wipe out radio communications, and are a threat to the public safety and communications infrastructure that is utilized both daily and in emergencies. Military communications, public safety communications using frequencies between 1 and 50 Megahertz will be disrupted. Consequently, BPL is a threat to our national security. The nation of Japan, long a leader in the field of electronics and new technologies, has rejected BPL because of the harmful interference it creates.

Currently the general public's need for broadband Internet services is wholly satisfied by DSL (Digital Subscriber Line) offered by telephone companies nationwide and by cable companies offering cable Internet access. I am a computer professional by trade and BPL is the most harmful, unnecessary Internet technology I have witnessed in my professional career which spans thirteen years. Power companies should produce and sell electricity and NOT use unshielded transmission-lines to deliver Internet access while generating uncontrolled interference.

If BPL is allowed it will destroy Amateur Radio and will negatively impact public safety, disaster communications and emergency communications. Amateur radio saves lives and is an invaluable public service that was demonstrated in the wake of the World Trade Center disaster on September 11, 2001. President Bush himself recognized Amateur radio operators during a visit to Florida in both his speech and a letter.

I strongly urge the FCC to prohibit BPL and the deceptive claims of power companies about the technology. The video listed in the URL above proves that BPL is already generating crippling interference, please watch the audiovisual presentation for yourself which wholly substantiates that BPL is incredibly harmful to the public safety and interest.

Thank you. Sincerely,  
-Nick Frost